

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

[illegible][illegible][illegible]

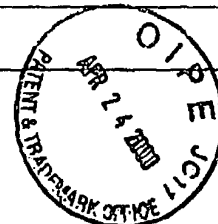
Examiner Signature		Date Considered	8/23/04
--------------------	---	-----------------	---------

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Form PTO 1449 U.S. Dept of Commerce : Atty. Docket No. : Serial No.
 Rev 7-80 Patent & Trademark Off. : STL000013US1 : 09/489,576
 : Applicant(s)
 LIST OF PRIOR ART CITED BY APPLICANT(S) : William J. Baer, et. al.
 (Use several sheets if necessary) : File Date : Group
 : January 21, 2000 : Unknown

U.S. PATENT DOCUMENTS

EXAM.:	DOCUMENT	CLASS/
INTL.:	NUMBER	SUBCLASS
PN	:AA: 3964029 06/15/76 Babb	340/172.5
PN	:AB: 4823306 04/18/89 Barbic, et al	364/900
PN	:AC: 5251315 10/05/93 Wang	395/600
PN	:AD: 5274757 12/28/93 Miyoshi, et al.	395/146
PN	:AE: 5297039 03/22/94 Kanaegami, et al.	364/419.13
PN	:AF: 5377348 12/27/94 Lau, et al.	395/600
PN	:AG: 5388196 02/07/95 Pajak, et al.	395/153
PN	:AH: 5579471 11/26/96 Barber et al	395/326
PN	:AI: 5680619 10/21/97 Gudmundson, et al.	395/701
PN	:AJ: 5778398 07/07/98 Nagashima, et al.	707/501
PN	:AK: 5781732 07/14/98 Adams	395/200.35
PN	:AL: 5787413 07/28/98 Kauffman et al.	707/2
PN	:AM: 5806061 09/08/98 Chaudhuri, et al.	707/3



FOREIGN COUNTRIES

:	DOC. NO.	DATE	COUNTRY	CLASS/	TRANSLATION
:	:	:	:	SUBCLASS	YES : NO
PN	:BA: JP63-286931	11/24/88	JAPAN (ABSTRACT, only included)		
PN	:BB: WO9932982	07/01/99	PCT		

OTHER PRIOR ART (INCLUDE. AUTHOR, TITLE, DATE, PERTINENT PG., ETC.)

PN :CA:IBM Digital Library "Application Programming Reference", Version
 : : 2", Second Edition (September 1997) pp.1147-1257.
 PN :CB:IBM Digital Library "Guide to Object-Oriented and Internet
 : :Application Programming", Version 2", Second Edition (September
 : :1997), pp. 1-169.
 PN :CC:IBM Digital Library "Text Search Using TextMiner Application
 : :Programming Reference" First Edition, September 1997.pp. 1-246.

EXAMINER *Paul J. [Signature]* DATE CONSIDERED 8/23/04 PNB
 3/9/04

*EXAMINER: Initial if reference considered, whether or not citation is
 in conformance with MPEP 609; Draw line through citation if not in
 conformance and not considered. Include copy of this form with next
 communication to applicant (s).

Form PTO 1449 U.S. Dept of Commerce : Atty. Docket No. : Serial No.
 Rev 7-80 Patent & Trademark Off. : STL000013US1 : 09/489,576

: Applicant(s)
 LIST OF PRIOR ART CITED BY APPLICANT(S) : William J. Baer, et. al.
 (Use several sheets if necessary) : File Date : Group
 : January 21, 2000 : Unknown

U.S. PATENT DOCUMENTS

EXAM.:	DOCUMENT	CLASS/		
INTL.:	NUMBER	DATE	NAME	SUBCLASS
PN	:AN: 5848404	12/08/98	Hafner, et al.	707/3
PN	:AO: 5848409	12/08/98	Ahn	707/3
PN	:AP: 5857203	01/05/99	Kauffman	707/200
PN	:AQ: 5890147	03/30/99	Peltonen, et al.	707/1
PN	:AR: 5956715	09/21/99	Glasser et al.	707/9
PN	:AS: 5991756	11/23/99	Wu	707/3



FOREIGN COUNTRIES

:	DOC. NO.	DATE	COUNTRY	CLASS/	TRANSLATION
:	:	:	:	SUBCLASS	YES : NO

OTHER PRIOR ART (INCLUDE. AUTHOR, TITLE, DATE, PERTINENT PG., ETC.)

EXAMINER

Law H. H. H.

DATE CONSIDERED

3/9/04

8/23/04

PNB

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant (s).

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

3

Complete if Known

Application Number	09/489,576
Confirmation Number	6006
Filing Date	January 21, 2000
First Named Inventor	William J. BAER
Art Unit	2176
Examiner Name	(not yet assigned)
Attorney Docket Number	A8525

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
PN		US 5,454,105		09-26-1995	Hatakeyama, et al.
PT		US 5,467,471		11-14-1995	Bader
PN		US 5,537,586		07-16-1996	Amram, et al.
PN		US 5,557,722		09-17-1996	DeRose, et al.
PN		US 5,644,776		07-01-1997	DeRose, et al.
PN		US 5,664,182		09-02-1997	Nierenberg, et al.
PN		US 5,664,189		09-02-1997	Wilcox, et al.
PN		US 5,758,351		05-26-1998	Gibson, et al.
PN		US 5,778,378		07-07-1998	Rubin
PN		US 5,813,000		09-22-1998	Furlani
PN		US 5,847,709		12-08-1998	Card, et al.

RECEIVED

OCT 01 2003

Technology Center 2100

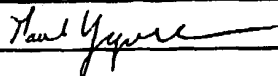
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
PN		BarnesandNoble.com, Entertainment We Recommend, Copyright 1999, Pages 1-2, < http://web.archive.org/web/19991122052147/www.barnesandnoble.com/subjects/entert/entert.asp?pcount=0 >	
PN		The New York Times Company, The New York Times on the Web, Copyright 1999, Pages 1-3, < http://web.archive.org/web/19990208010553/http://times.com/ >	
PN		Dimick, Classical and Flamenco Guitar MIDI's, Copyright 1998, Pages 1-2, < http://web.archive.org/web/19990117081725/www.guitarist.com/midis/midis.htm >	
PN		KG Sinclair, Free E-books You Can Download, Copyright 1999, Pages 1-5, < http://web.archive.org/web/19991128041349/ksinclair.com/ebooks.htm >	
PN		Jeff Sutherland, Business object design and implementation workshop, ACM SIGPLAN OOPS Messenger, Addendum to the proceedings of the 10 th annual conference on Object-oriented programming systems, languages, and applications (Addendum), Oct. 1995, vol. 6, Issue 4.	
PN		Haim Kilov et al., Semantic integration in complex systems, ACM SIGPLAN OOPS Messenger, Addendum to the proceedings of the 10 th annual conference on Object-oriented programming systems, languages, and applications (Addendum), Oct. 1995, vol. 6, Issue 4.	

Examiner Signature



Date Considered

3/9/04 8/23/04 PNB

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO

Complete if Known

SEP 30 2003

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

3

Application Number	09/489,576
Confirmation Number	6006
Filing Date	January 21, 2000
First Named Inventor	William J. BAER
Art Unit	2176
Examiner Name	(not yet assigned)
Attorney Docket Number	A8525

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
PN		US 5,875,446		02-23-1999	Brown, et al.
PN		US 5,877,445		03-02-1999	Hufford, et al.
PN		US 5,911,074		06-08-1999	Leprince, et al.
PN		US 5,913,065		06-15-1999	Faustini
PN		US 5,918,052		06-29-1999	Kruskal, et al.
PN		US 5,959,627		09-28-1999	Duwaer, et al.
PN		US 5,963,940		10-05-1999	Liddy, et al.
PN		US 5,966,707		10-12-1999	Van Huben, et al.
PN		US 5,977,967		11-02-1999	Berner, et al.
PN		US 5,987,242		11-16-1999	Bentley, et al.
PN		US 6,012,890		01-11-2000	Celorio Garrido
PN		US 6,018,627		01-25-2000	Iyengar, et al.
PN		US 6,026,416		02-15-2000	Kanerva, et al.
PN		US 6,052,528		04-18-2000	Dechamboux
PN		US 6,055,544		04-25-2000	DeRose, et al.
PN		US 6,065,026		05-16-2000	Cornelia, et al.
PN		US 6,101,500		08-08-2000	Lau
PN		US 6,122,641		09-19-2000	Williamson, et al.
PN		US 6,131,100		10-10-2000	Zellweger
PN		US 6,134,552		10-17-2000	Fritz, et al.
PN		US 6,134,594		10-17-2000	Helland, et al.
PN		US 6,134,706		10-17-2000	Carey, et al.
PN		US 6,163,781		12-19-2000	Wess, Jr.
PN		US 6,173,286		01-09-2001	Guttman, et al.
PN		US 6,173,407		01-09-2001	Yoon, et al.

RECEIVED

OCT 01 2003

Technology Center 2176

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	<i>Paul Yip</i>	Date Considered	3/9/04 8/23/04
--------------------	-----------------	-----------------	----------------

PNB

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO

SEP 30 2003

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

3

of

3

Complete if Known

Application Number	09/489,576
Confirmation Number	6006
Filing Date	January 21, 2000
First Named Inventor	William J. BAER
Art Unit	2176
Examiner Name	(not yet assigned)
Attorney Docket Number	A8525

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
PN		US 6,178,463		01-23-2001	Houston, et al.
PN		US 6,199,082		03-06-2001	Ferrel, et al.
PN		US 6,199,197		03-06-2001	Engstrom, et al.
PN		US 6,212,530		04-03-2001	Kadlec
PN		US 6,236,988		05-22-2001	Aldred
PN		US 6,240,407		05-29-2001	Chang, et al.
PN		US 6,243,709		06-05-2001	Tung
PN		US 6,269,361		07-31-2001	Davis, et al.
PN		US 6,275,977		08-14-2001	Nagai, et al.
PN		US 6,279,007		08-21-2001	Uppala
PN		US 6,286,028		09-04-2001	Cohen, et al.
PN		US 6,289,500		09-11-2001	Baxter, et al.
PN		US 6,298,354		10-02-2001	Saulpaugh, et al.
PN		US 6,308,176		10-23-2001	Bagshaw
PN		US 6,308,314		10-23-2001	Carlson, et al.
PN		US 6,314,420		11-06-2001	Lang, et al.
PN		US 6,339,838		01-15-2002	Weinman, Jr.
PN		US 6,347,333		02-12-2002	Eisendrath, et al.
PN		US 6,411,993		06-25-2002	Reynolds, et al.
PN		US 6,415,316		07-02-2002	Van Der Meer
PN		US 6,442,577		08-27-2002	Britton, et al.
PN		US 6,470,171		10-22-2002	Helmick, et al.
PN					
PN					

RECEIVED

OCT 01 2003


Technology Center 2100

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	3/9/04
--------------------	---	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	09/489,576
Confirmation Number	6006
Filing Date	January 21, 2000
First Named Inventor	William J. BAER
Art Unit	2176
Examiner Name	(not yet assigned)
Attorney Docket Number	A8525

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
PN		6,006,242		12-21-1999	Poole, et al.
PN		5,991,758		11-23-1999	Ellard
PN		5,644,736		07-01-1997	Healy, et al.
PN		6,098,072		08-01-2000	Sluiman, et al.
PN		6,003,040		12-14-1999	Mital, et al.
PN		5,864,870		01-26-1999	Guck
PN		5,187,786		02-16-1993	Densmore, et al.
PN		6,211,871		04-03-2001	Himmel, et al.
PN		5,781,189		07-14-1998	Holleran, et al.

RECEIVED

JAN 30 2004

Technology Center 2100

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
PN		ezWriter 2.0 for Windows, August 5, 1998 by Lance Vaughn, Atlanta, IN, downloaded from <http://www.winsite.com> on 6/22/03, application screenshots pages 1-15.	

Examiner Signature	<i>Paul J. [Signature]</i>	Date Considered	8/9/04 8/23/04 PNB
--------------------	----------------------------	-----------------	--------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.